

1	1	ACA	GTC	AGC	CGC	ATG	GCT	CCC	CTG	TGC	CCC	AGC	CCC	TGG	CTC	CCT	CTG	12
13	49	L	I	P	A	P	A	P	G	L	T	V	Q	L	L	L	S	28
29	97	TTG	ATC	CCG	GCC	CCT	GCT	CCA	GGC	CTC	ACT	GTG	CAA	CTG	CTG	CTG	TCA	96
45	145	L	L	L	L	M	P	V	H	P	Q	R	L	P	R	M	Q	44
61	193	CTG	CTG	CTT	CTG	ATG	CCT	GTC	CAT	CCC	CAG	AGG	TTG	CCC	CGG	ATG	CAG	144
77	241	E	D	S	P	L	G	G	G	S	S	G	E	D	D	P	L	60
93	289	GAG	GAT	TCC	CCC	TTG	GGA	GGA	GGC	TCT	TCT	GGG	GAA	GAT	GAC	CCA	CTG	192
109	337	G	E	E	D	L	P	S	E	E	D	S	P	R	E	E	D	76
125	385	GGC	GAG	GAG	GAT	CTG	CCC	AGT	GAA	GAG	GAT	TCA	CCC	AGA	GAG	GAG	GAT	240
141	433	P	P	G	E	E	D	L	P	G	E	E	D	L	P	G	E	92
157	481	CCA	CCC	GGA	GAG	GAG	GAT	CTA	CCT	GGA	GAG	GAG	GAT	CTA	CCT	GGA	GAG	288
173	221	E	D	L	P	E	V	K	P	K	S	E	E	E	G	S	L	108
189	277	GAG	GAT	CTA	CCT	GAA	GTT	AAG	CCT	AAA	TCA	GAA	GAA	GAG	GGC	TCC	CTG	336
205	301	K	L	E	D	L	P	T	V	E	A	P	G	D	P	Q	E	124
221	369	AAG	TTA	GAG	GAT	CTA	CCT	ACT	GTT	GAG	GCT	CCT	GGA	GAT	CCT	CAA	GAA	384
237	401	P	Q	N	N	A	H	R	D	K	E	G	D	D	Q	S	H	140
253	457	CCC	CAG	AAT	AAT	GCC	CAC	AGG	GAC	AAA	GAA	GGG	GAT	GAC	CAG	AGT	CAT	432
269	501	W	R	Y	G	G	D	P	P	W	P	R	V	S	P	A	C	156
285	557	TGG	CGC	TAT	GGA	GGC	GAC	CCG	CCC	TGG	CCC	CGG	GTG	TCC	CCA	GCC	TGC	480
301	601	A	G	R	F	Q	S	P	V	D	I	R	P	Q	L	A	A	172
317	657	GCG	GGC	CGC	TTC	CAG	TCC	CCG	GTG	GAT	ATC	CGC	CCC	CAG	CTC	GCC	GCC	528

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173	F	C	P	A	L	R	P	L	E	L	L	G	F	Q	L	P	188
529	TTC	TGC	CCG	GCC	CTG	CGC	CCC	CTG	GAA	CTC	CTG	GGC	TTC	CAG	CTC	CCG	576
189	P	L	P	E	L	R	L	R	N	N	G	H	S	V	Q	L	204
577	CCG	CTC	CCA	GAA	CTG	CGC	CTG	CGC	AAC	AAT	GGC	CAC	AGT	GTG	CAA	CTG	624
205	T	L	P	P	G	L	E	M	A	L	G	P	G	R	E	Y	220
625	ACC	CTG	CCT	CCT	GGG	CTA	GAG	ATG	GCT	CTG	GGT	CCC	GGG	CGG	GAG	TAC	672
221	R	A	L	Q	L	H	L	H	W	G	A	A	G	R	P	G	236
673	CGG	GCT	CTG	CAG	CTG	CAT	CTG	CAC	TGG	GGG	GCT	GCA	GGT	CGT	CCG	GGC	720
237	S	E	H	T	V	E	G	H	R	F	P	A	E	I	H	V	252
721	TCG	GAG	CAC	ACT	GTG	GAA	GGC	CAC	CGT	TTC	CCT	GCC	GAG	ATC	CAC	GTG	768
253	V	H	L	S	T	A	F	A	R	V	D	E	A	L	G	R	268
769	GTT	CAC	CTC	AGC	ACC	GCC	TTT	GCC	AGA	GTT	GAC	GAG	GCC	TTG	GGG	CGC	816
269	P	G	G	L	A	V	L	A	A	F	L	E	E	G	P	E	284
817	CCG	GGA	GGC	CTG	GCC	GTG	TTG	GCC	GCC	TTT	CTG	GAG	GAG	GGC	CCG	GAA	864
285	E	N	S	A	Y	E	Q	L	L	S	R	L	E	E	I	A	300
865	GAA	AAC	AGT	GCC	TAT	GAG	CAG	TTG	CTG	TCT	CGC	TTG	GAA	GAA	ATC	GCT	912
301	E	E	G	S	E	T	Q	V	P	G	L	D	I	S	A	L	316
913	GAG	GAA	GGC	TCA	GAG	ACT	CAG	GTC	CCA	GGA	CTG	GAC	ATA	TCT	GCA	CTC	960
317	L	P	S	D	F	S	R	Y	F	Q	Y	E	G	S	L	T	332
961	CTG	CCC	TCT	GAC	TTC	AGC	CGC	TAC	TTC	CAA	TAT	GAG	GGG	TCT	CTG	ACT	1008
333	T	P	P	C	A	Q	G	V	I	W	T	V	F	N	Q	T	348
1009	ACA	CCG	CCC	TGT	GCC	CAG	GGT	GTC	ATC	TGG	ACT	GTG	TTT	AAC	CAG	ACA	1056

FIG.-1B

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T06080" 0h020860

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349  V M L S A K Q L H T L S D T L W 364
1057 GTG ATG CTG AGT GCT AAG CAG CTC CAC ACC CTC TCT GAC ACC CTG TGG 1104

365  G P G D S R L Q L N F R A T Q P 380
1105 GGA CCT GGT GAC TCT CGG CTA CAG CTG AAC TTC CGA GCG ACG CAG CCT 1152

381  L N G R V I E A S F P A G V D S 396
1153 TTG AAT GGG CGA GTG ATT GAG GCC TCC TTC CCT GCT GGA GTG GAC AGC 1200

397  S P R A A E P V Q L N S C L A A 412
1201 AGT CCT CGG GCT GCT GAG CCA GTC CAG CTG AAT TCC TGC CTG GCT GCT 1248

413  G D I L A L V F G L L F A V T S 428
1249 GGT GAC ATC CTA GCC CTG GTT TTT GGC CTC CTT TTT GCT GTC ACC AGC 1296

429  V A F L V Q M R R Q H R R G T K 444
1297 GTC GCG TTC CTT GTG CAG ATG AGA AGG CAG CAC AGA AGG GGA ACC AAA 1344

445  G G V S Y R P A E V A E T G A * 460
1345 GGG GGT GTG AGC TAC CGC CCA GCA GAG GTA GCC GAG ACT GGA GCC TAG 1392

1393 AGG CTG GAT CTT GGA GAA TGT GAG AAG CCA GCC AGA GGC ATC TGA GGG 1440

1441 GGA GCC GGT AAC TGT CCT GTC CTC ATT ATG CCA CTT CCT TTT AAC 1488

1489 TGC CAA GAA ATT TTT TAA AAT AAA TAT TTA TAA T 1522

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FIG..1C

FIG..1

FIG..1A

FIG..1B

FIG..1C

FIG. 2A

1 ggatcctgtt gactcgtgac cttaccccca accctgtgct ctctgaaca tgagctgtgt
 61 ccactcaggg ttaaatggat taaggcggtt gcaagatgtg ctttgttaaa cagatgcttg
 121 aaggcagcat gctcgttaag agtcatcacc aatccctaata ctcaagtaata caggacaca
 181 aacactgcgg aaggccgcag ggtcctctgc ctaggaaaac cagagacctt tgttcaactg
 241 ttatatgac ctccctcca ctatgtcca ctatgtcca tgaccctgcc aaatccccct ctgtgagaaa
 301 caccacaagaa ttatcaataa aaaaataaat ttaaaaaaaa aatacaaaaa aaaaaaaa
 361 aaaaaaaa gacttacgaa tagttattga taaatgaata gctattggta aagccaagta
 421 aatgatcata ttcaaaacca gacggccatc atcacagctc aagtcctacct gatttgatct
 481 ctttatcatt gtcattcttt ggattcacta gattagtcat catcctcaaa attctcccc
 541 aagttctaata tacgttccaa acatttaggg gtacatgaa gcttgaacct actaccttct
 601 ttgcttttga gccatgagtt gtaggaatga tgagtttaca cttacatgc tggggattaa
 661 tttaaaactt accctaaagt cagttgggta gcctttggct tatttttcta gctaatttgg
 721 tagttaatgg atgcactgtg aatcttgcta tgatagtctt cctccacact ttgccactag
 781 gggtaggtag gtactcagtt ttcagtaatt gcttacctaa gaccctaagc cctatttctc
 841 ttgtactggc ctttatctgt aatatgggca tatttaatac aataataatt ttggagtctt
 901 ttgtgtgtgt tggtgtgtgt tttttttgag acggagtctt gcatctgtca tggccaggct
 961 ggagtagcag tggtgccatc tcggctcact gcaagctcca cctcccgagt tcacgccatt
 1021 ttccctgcctc agcctcccga gtactggga ctacaggcg cggccaccat gccgggctaa
 1081 ttttttgtat ttttggtaga gacggggttt caccgtgtta gccagaatgg tctcgatctc
 1141 ctgacttcgt gatccaccgg cctcggcctc ccaagttctt gggattacag gtgtgagcca
 1201 cgcacactgg ccaatttttt gagtctttta aagtaaaaa atgtcttcta agctggtaac
 1261 tatggtagat ttccttttat taatgtggtg ctgacgggtca tataggttct tttgagtttg
 1321 gcatgcataat gctacttttt gcagtccttt cattaacttt ttctctcttc atttgaagag
 1381 catgttatat ctttttagctt cacttggctt aaaagggtct ctcattagcc taacacagtg
 1441 cattgttggg taccacttgg atcataagtg gaaaaacagt caagaaattg cacagtaata
 1501 ctgtgttcta agaggatga ttcagggtgaa tctgacacta agaaaactccc ctacctgagg
 1561 tctgagattc ctctgacatt gctgtatata ggcttttctt ttgacagcct gtgactgcgg
 1621 actattttct ttaagcaaga tatgctaaaag ttttgtgagc ctttttccag agagaggtct
 1681 catatctgca tcaagtgaga acatataatg tctgcatgtt tccatatctc aggaatgttt
 1741 gcttgtgttt tatgttttta tatagacagg gaaacttgtt cctcagtgac ccaaaagagg
 1801 tgggaattgt tattggatat catcatgggc ccacgctttc tgaccttga aacaattaag
 1861 ggttcataat ctcaattctg tcagaattgg tacaagaaat agctgctatg tttcttgaca
 1921 ttccacttgg taggaaataa gaatgtgaaa ctcttcagtt ggtgtgtgtc cct?gtttt

FIG. 2A

FIG. 2B

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1981 ttgcaatttc cttcttactg tgtaaaaaa aagtatgattc ttgctctgag aggtgaggca
2041 ttcttaata tgatctttaa agatcaataa tataatcctt tcaaggatta tgtctttatt
2101 ataataaaga taatttgctc ttaacagaat caataatata atccctaaa ggattatatc
2161 ttgctgggc gcagtggtc acacctgtaa tccagcact ttgggtggcc aagtggaag
2221 gatcaaat tgcctactct gcctactctc atattatctt ctaaagcaga attcatctct ctccctcaa
2281 tatgatgata ttgacagggt ttgacctcac tccactagatt gtgagctcct gctcagggca
2341 ggtagcgtt ttgtttttg tttttgttt tacagtctca gctcactgca gcctcaaccg cctcggctca
2401 ccaggccag agtgcaatg agtgcaatg tacagtctca gctcactgca gcctcaaccg cctcggctca
2461 aaccatcat ccatttcagc ctcctgagta gctgggacta caggcacatg ccattacacc
2521 tggctaattt ttttgtattt ctactagaga cagggtttgg ccatgttgcc cgggctggtc
2581 tcgaaactct ggactcaagc aatccacca cctcagcctc ccaaatgag ggaccgtgtc
2641 ttattcat tccatgtcct agtccatagc ccatgtctgg acctatggtg gtactaaata
2701 aatatattgt gaatgcaata gtaaatagca tttcaggagg caagaactag attaacaaga
2761 gtggtaaaag gtttgagaa ggtctcttgg gcaaggtttt gctagagtat gagggagagt
2821 agtaggagac aagatggaaa ttgcatatcg tggcaggcag tggggagcca atgaaggctt ggaagtcaga
2881 agtacacaat gtgcatatcg ttgaaaaata aatataggtt aaacctatca gagccctct gacacataca
2941 gagtaatgtg ttgaaaaata attcaagctc aagtttgtct ccacatacc cattacttaa ctacacctcg
3001 cttgcttttc attcaagctc gacgctgccc ctacctctt acctgcttcc tgggtgagtc agggatgtat
3061 ggctccccta gacgctgccc ctttccctct cagccagagg acatgggggg cccagctcc cctgccttcc
3121 acatgagctg ctttccctct cctggagctg ggaagcaggc cagggttagc tgaggctggc tggcaagcag
3181 ccttctgtg cctggagctg ccaggagag gataaccttc tggctgtgca cacacctgccc cctcactcca ccccatcct
3241 ctgggtgtg gataaccttc tgggggagag ggcacagggc cagacaaacc tgtgagactt tggctccatc
3301 ccatggcccc agctttggtg tgggggagag ggcacagggc cagacaaacc tgtgagactt tggctccatc
3361 agctttggtg tgggggagag ggcacagggc cagacaaacc tgtgagactt tggctccatc
3421 tctgcaaaaagg ggcgctctgt gagtcagcct gctcccttcc aggttgctc ctccccacc
3481 cagctctcgt ttccaatgca cgtacagccc gtacacacccg tgtgctggga caccctcACAG
3541 TCAGCCGCAT GGCTCCCCCTG TGCCCCAGCC CTGGCTCCC TCTGTTGATC CCGCCCCCTG
3601 CTCCAGGCCT CACTGTGCAA CAGGATTCCT CACTGCTGCT CACTGCTGCT TCTGGTGCCT GTCCATCCC
3661 AGAGGTTGCC CCGGATGCAG GAGGATTCCT CACTGCTGCT CACTGCTGCT TCTGGTGCCT GTCCATCCC
3721 ACCCACTGGG CGAGGAGGAT CTGCCCCAGTG AAGAGGATTC ACCCAGAGAG GAGGATCCAC
3781 CCGGAGAGGA GGATCTACCT GGAGAGGAGG ATCTACCTGG AGAGGAGGAT CTACCTGAAG
3841 TTAAGCCTAA ATCAGAAGAA GAGGGCTCCC TGAAGTTAGA GGATCTACCT ACTGTTGAGG
3901 CTCCTGGAGA TCCTCAAGAA CCCCAGAATA ATGCCCCACAG GGACAAAGAA Ggtaagtgg

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FIG. 2B

"66666" 66666

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3961 catcaatctc caaatccagg ttccaggagg ttcatgactc ccctcccata cccagccta cccagccta
4021 ggctctgttc actcaggga aaggaggaga ctgtactccc cacagaagcc cttccagagg cttccagagg
4081 tcccatacca atatcccat cccactctc ggaggtagaa agggacagat gtggagagaa gtggagagaa
4141 aataaaaagg gtgcaaaagg agagagtgga gctggatgag atggagaga atggagaga agggggaggc
4201 tggagaagag aaagggatga gaactgcaga tgagagaaaa aatgtgcaga cagaggaaaa
4261 aaatagtggt agaaggagag tcagagagtt tgaggggaag agaaaaggaa agcttgggag
4321 gtgaagtggg taccagagac aagcaagaag agctgtaga agtcatctca tcttaggcta
4381 caatgaggaa ttgagacctt ggaagaaggg acacagcagg tagagaaaacg tggcttcttg
4441 actccaagc caggaaattg ggaagaaggg ttggagacca tacaaggcag agggatgagt
4501 ggggagaaga aagaaggag aaaggaaaaga tgggtgactc actcatttgg gactcaggac
4561 tgaagtgcc actcactttt tttttttttt tttttgagac aaactttcac ttttgttgc
4621 caggctggag tgcaatggcg cgaatcggc tcaatgcaac ctccacctc cgggttcaag
4681 tgattctctt gcctcagcct ctagccaagt agctgcgatt acaggcatgc gccaccacgc
4741 ccggctaatt ttgtatttt tagtagagac ggggttttgc catgttggc aggtggtct
4801 cgaactcctg atctcaggtg atccaaccac cctggcctcc caaagtgtg ggattatagg
4861 cgtgagccac agcgcctggc ctgaagcagc cactcacttt tacagaccct aagacaatga
4921 ttgcaagctg gtaggattgc tgtttggccc accagctgc ggtgtttagt ttgggtgcgg
4981 tctcctgtgc ttgacacctg gccgccttaa ggcatttgtt accgtaatg ctctgttaag
5041 gcatctgcgt ttgtgacatc gttttggtcg ccaggaaagg attggggctc taagcttgag
5101 cggttcatcc ttttcattta tacaggggat gaccagagtc attggcgcta ATTGGCGCTA TGGAGgtgag
5161 acaccaccc gctgcacaga ccaaatctgg gaaccagct ctgtggaatc cccctacagc
5221 cgtccctgaa cactggtccc gggcgtccc cccgcccac accgtcccac cccctcacct
5281 tttctaccg ggttccctaa gttcctgacc taggcgtcag acttctcac tatactctcc
5341 caccacagc GACCCGCCCT GACCCGCCCT GACCCGCCCT GTCCCCAGCC TGCGCGGCC GCTTCCAGTC
5401 CCCGGTGGAT ATCCGCCCCC AGTCGCCCG CTTCTGCCCG GCCCTGCCG GCCACAGTGG
5461 CCTGGGCTTC CAGCTCCCGC CGTCCCGA ACTGCGCCTG CGCAACAATG GCCACAGTGG
5521 tgagggggtc tcccgcgga gacttgggga tggggcgggg cgacgggaag ggaaccgtcg
5581 cgcagtgcct gcccggggt tgggctggcc ctaccgggag gggcggtc acttgcctc
5641 ccctacgag TGCAACTGAC CCTGCCCTCT GGGCTAGAGA TGGCTCTGGG TCCCGGGCGG
5701 GAGTACCGG CTCTGCAGCT GCATCTGCAC TGGGGGGCTG CAGGTCTGTC GGGCTCGGAG
5761 CACACTGTG AAGGCCACCG TTTCCCTGCC GAGgtgagcg cggactggc gagaaggggc
5821 aaaggagcgg ggcggacggg ggcagagac gtggccctc ctaccctcg tgcctttc
5881 agATCCACGT GGTTCACCTC AGCACCGCCT TTGCCAGAGT TGACGAGGCC TTGGGGCGCC

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FIG. 2C

FIG. 2D

5941 CGGGAGGCCT GCCGTGTTG GCCGCCTTC TGGAGgtacc agatcctgga cacccttac
6001 tccccgcttt ccatcccat gctcctccc gactctatcg tggagccaga gaccctatcc
6061 cagcaagctc actcaggccc ctggctgaca aactcattca cgcactgttt gttcatttaa
6121 caccactgt gaaccaggca ccagccccc ccagccccc acaaggattc tgaagctgta ggtccttgcc
6181 tctaaggagc ccacagccag tgggggaggc tgacatgaca gacacatagg aaggacatag
6241 taaagatggg ggtcacagag gaggtgacac ttaaagcctt cactggtaga aaagaaaagg
6301 aggtgttcat tgcagaggaa acagaatgtg caaagactca gaatatggcc tatttaggga
6361 atggctacat acaccatgat tagaggaggc ccagtaaaagg gaaggatgg tgagatgcct
6421 gctagggttca ctactcact tttatttatt tttatttatt tttgacagtc tctctgtcgc
6481 ccaggctgga gtgcagtgg gtgatcttgg gtactgcaa ctccgcctc ccgggttcaa
6541 gggattctcc tgcctcagct tcctgagtag ctggggttac aggtgtgtgc caccatgccc
6601 agctaatttt tttttgtatt ttttagtag acaggtttcac catgttggtc aggtgtgtct
6661 caaactcctg gcctcaagt gcctcagctg atccgcctga ctacagctac caagtgtcgt attacaagt
6721 tgagccaccg tgcccagcca cactcactga ttctttaatg ccagccacac agcacaagt
6781 tcagagaaat gcctccatca tagcatgtca atatgttcat actcttaggt tcatgatgtt
6841 cttaacatta ggttcataag caaataaaga aaaaagaata ataaataaaa gaagtggcat
6901 gtcaggacct cacctgaaaa gccaaaacaca gaatcatgaa ggtgaatgca gaggtgacac
6961 caacacaaag gtgtatatat ggtttcctgt ggggagtagt tacggaggca gcagtgagt
7021 agactgcaaa cgtcagaagg gcacgggtca ctgagagcct agtatcctag taaagtgggc
7081 tctctccctc tctctccagc ttgtcattga aaaccagtcc accaagcttg ttggttcgca
7141 cagcaagagt acatagagt tgaataata taaggatgt taagagggag acactgtctc
7201 taaaaaaaaa aacaacagca acaacaaaa gcaacaaacca ttacaatttt atgttccctc
7261 agcatcttca gagctgagga atgggagagg actatgggaa ccccttcat gttccggcct
7321 tcagccatgg ccctggatac atgcactcat ctgtcttaca atgtcattcc ccagGAGGG
7381 CCGGAAGAA AACAGTGCTT ATGAGCAGTT GCTGTCTCGC TTGGAAGAAA TCGCTGAGGA
7441 AGgtcagttt gttggtctgg cactaatct ctgtggccta gttcataaa aatcacctt
7501 tggagcttca ggtctgaggc tggagatggg ctccctccag tgcaggaggg attgaagcat
7561 gagccagcgc tcatcttgat aataaccatg aagctgacag acacagttac ccgcaaacgg
7621 ctgcctacag attgaaaaac aagcaaaaac cgccgggcac ggtggctcac gcctgtaatc
7681 ccagcacttt gggaggccaa ggcaggtgga tcacgaggtc aagagatcaa gaccatcctg
7741 gccaacatgg tgaaaaccca tctctactaa aaatacgaaa aaatagccag gctgtgtggc
7801 ggggtgcctgt aatcccagct actcgggagg ctgaggcagg agaattggcat gaacccggga
7861 ggcagaaagt gcagtggcc gagatcgtgc cactgcactc cagcctgggc aacagagcga

FIG.-2D

"00000" 0102000

7921 gactcttgtc tcaaaaaaa aaaaaaaa gaaaccaag caaaaacaa aatgagacaa
7981 aaaaaacaag accaaaaaat ggtgtttgga aatgtcaag gtcaagtctg gagagctaaa
8041 ctttttctga gaactgttta tctttaataa gcatcaata ttttaacttt gtaataactt
8101 ttgttggaat tcgttctctt cttagtcact ctggaactctg ctttgcatt tcttgtgtct
8161 ctgacacctt taggtttctg ttatcaata ttcatattt attcagatca ttttttcttt
8221 gttttgtata gttatcaata ttttttttt ttattacat cttagtaga gacagggtt caccatatg
8281 tctttttttt ttttttttt tctcaaacct ctgaccttgt gatccaccag cctcgccctc ccaaagtgtc
8341 gccaggctgc tctcaaacct ttttctttt aatttgctct gggcttaaac ttgtggccca gcaacttatg
8401 gggattcatt ttttctttt gagttaagag tcttagactca gacggtcttt cttctttctt tctcttcctt
8461 atgggtacaca ggttaagag tcttagactca gacggtcttt tctctttctt cttgcttctt
8521 cctcccttcc ctccacctt ccaagtgtct caaagccctg tactttttt ttagttaacg tcttatggga
8581 caggcctctt ccaagtgtct ccaagtgtct aagtgtctc agagttgagt taccttggct tctgggaggt
8641 agggcctgca cttagtgaag aagtgtctc tgaagcttta aggggtgca atgtagatga gaccccaaca
8701 gaaactgtat ccctatacc tcaaggtctc agagactcag gtcccaggac tggacatatc TGCACTCCTG
8761 tagatcctct TCAGCCGCTA CTTCCAATAT GAGGGGTCTC TGACTACACC GCCCTGTGCC
8821 CCTCTGACT TCTGGACTGT GTTTAACCAG ACAGTGATGC TGAGTGCTAA GCAGgtggc
8881 CAGGGTGCTA TGTGGACACA GTGGGTGCGG gggaaagagg atgtaagatg agatgagaaa
8941 ctgggtgtg agaaatcaa ggtgggtctc tgggttgagc ccaggagttc aagacaaggc ggggcaacat
9001 caggagaaga ggtgggagaa tgggttgagc caaaaaacc aaaaatagcc gggcatggtg
9061 gggaggctga catctctacc tactcaaggga ggtgaggtg ggaagatcg ttagattccag
9121 agtgtagacc tagtcccagc ctatgatccc aagaggctgg atggggaata caggagctgg aggtggagc
9181 gtatgaggcc ctgcatgag aaaagaaatc aagaggctgg acccttctt accatctta ggatacat
9241 gagtttgaaga ttgttgagc tgggttgagc ctggcctggg acccttctt cctgtcatgc catgaaccca
9301 atttatttat aaagaaatc aagaggctgg ccctagCTCC ACACCTCTC TGACACCCCTG TGGGACCTG
9361 cctgagggtg ccactgacct GCTACAGCTG AACTTCCGAG CGACGCAGCC TTTGAATGG CGAGTGATTG
9421 ccacactgt CCTGCTCTG CCTGCTGGA GTGGACAGCA GTCCTCGGC TGCTGAGCCA Ggtacagctt
9481 GTGACTCTG AGGCTCCTT ccccccagc agtagtccct tatcctcca tgtgtgtgcc agtgtctgtc
9541 AGGCTCCTT ccccccagc acagcccgcc tctcacatct cctttttctc tccagTCCAG CTGAATTCTT
9601 tgtctgggtt ccccccagc acagcccgcc tctcacatct cctttttctc tccagTCCAG CTGAATTCTT
9661 attgggtgtc acagcccgcc tctcacatct cctttttctc tccagTCCAG CTGAATTCTT
9721 GCCTGGCTGC TGgtgagctt gcccctcctc ttggtcctga tggcaggaga ctctcagca
9781 ccattcagcc ccagggtgtc ttaggaccgc ctctgtctcc tctccttttc tgcagaacag
9841 accccaacc caatataga gaggcagatc atggtgggga tccccatt gtccccagag

FIG.-2E

FIG. 2A

9901 gctaattgat tagaatgaag cttgagaaat ctcccagcat ccctctcgca aaagaatccc
 9961 cccccctttt tttaaagata gggctctcact ctgtttgccc caggctgggg tggtgtggca
 10021 cgatcatagc tcaactgcagc ctcaactcc taggctcagg caatccttc accttagctt
 10081 ctcaaacgac tgggactgta ggcactgagc actgtgcctg gcccacaaag gcccttttac
 10141 ttggccttta ggaagcaaaa acggtgctta tcttaccct tctcgtgtat ccaccctcat
 10201 cccttggctg gctcttcttg gagactgagg cactatgggg ctgcctgaga actcggggga
 10261 ggggtggctg agtgcactga ggcaggtgtt gaggaactct gcagaccctt ctcccttccc
 10321 aaagcagccc tctctgctct ccatcgagc TGACATCCTA GCCCTGGTTT TTGGCCTCCT
 10381 TTTTGCTGTC ACCAGCGTCG CGTTCCTTGT GCAGATGAGA AGGCAGCACA Ggtattacac
 10441 tgaccctttc ttcaggcaca agcttcccc acccttgtg agtcacttca tgcaaaagcg
 10501 atgcaaatga gctgctcctg ggcagtttt ctgattagcc tttcctgttg tgtacacaca
 10561 gAAGGGGAC CAAAGGGGT GTGAGCTACC GCCAGCAGA GGTAAGCCGAG ACTGGAGCCT
 10621 AGAGGCTGGA TCTTGGAGAA TGTGAGAAGC CAGCCAGAGG CATCTGAGGG GGAGCCGGTA
 10681 ACTGTCCTGT CCTGCTCATT ATGCCACTTC CTTTAACTG CCAAGAAATT TTTTAAATA
 10741 AATATTATA ATaaaatatg tgtagtcac ctttgttccc caaatcagaa ggaggtattt
 10801 gaatttccta ttactgttat tagcaccaat ttagtggtaa tgcatttatt ctattacagt
 10861 tcggcctcct tccacacatc actccaatgt gttgctcc

FIG. 2F

FIG. 2A

FIG. 2B

FIG. 2C

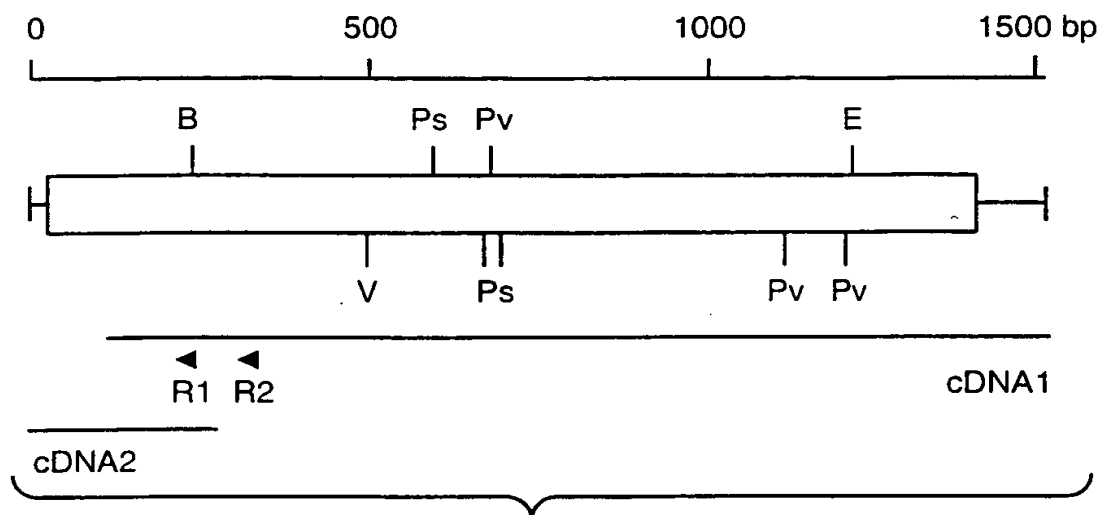
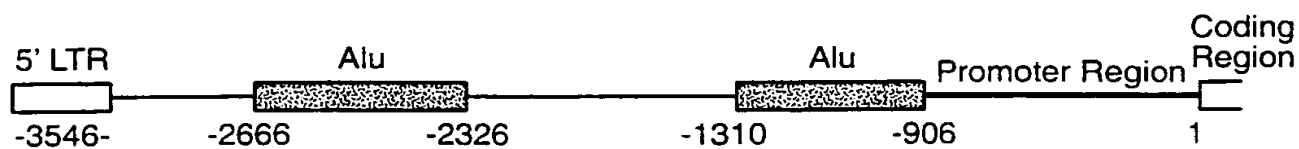
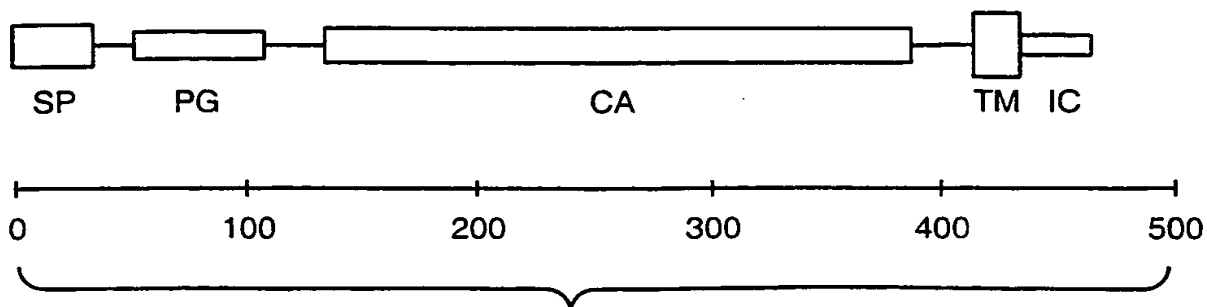
FIG. 2D

FIG. 2E

FIG. 2F

FIG. 2

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**FIG._3****FIG._4****FIG._8**

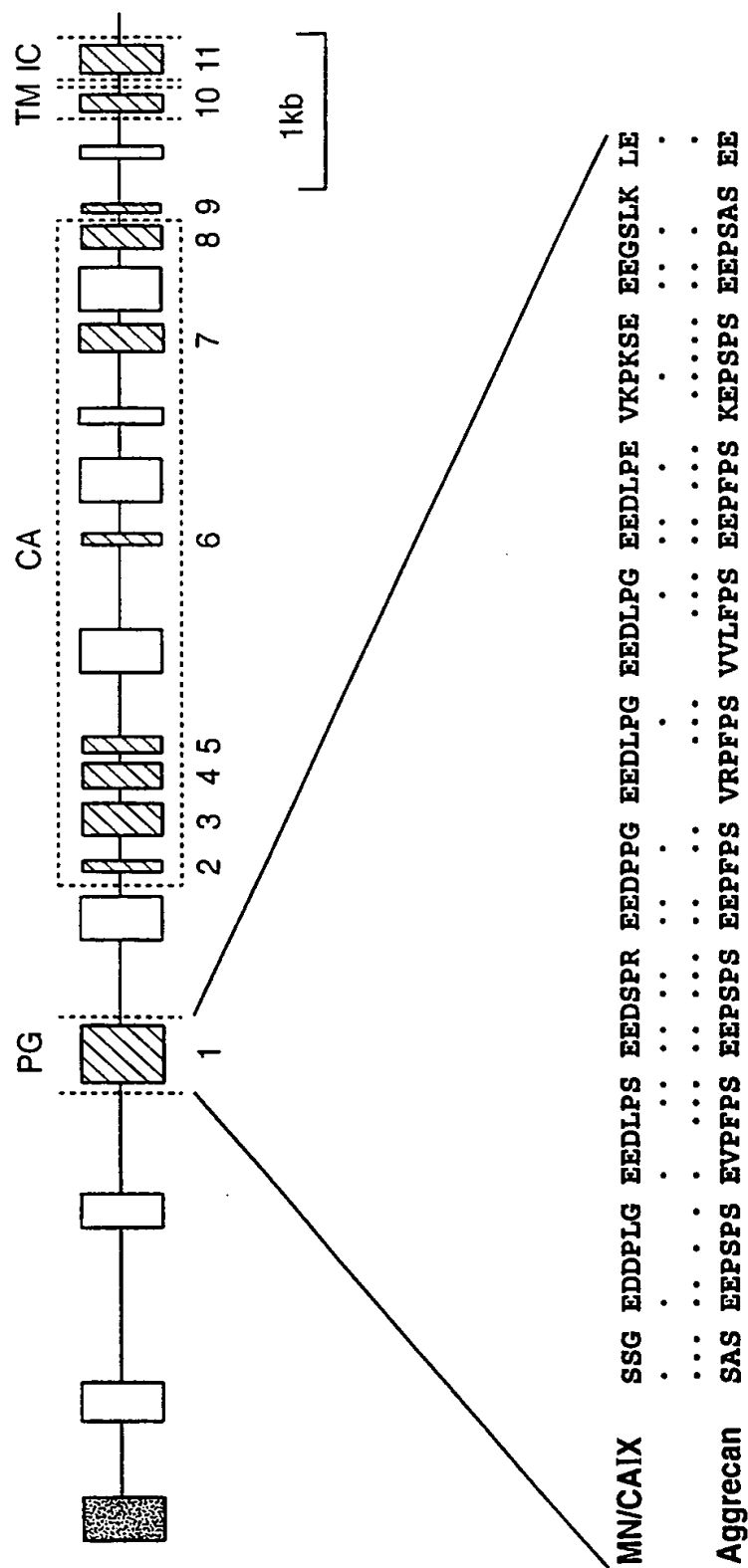


FIG. 5

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FIG. 6

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-506  CTTGCTTTTC ATTCAAGCTC AAGTTTGCT CCCACATACC CATTACTTAA CTCACCCCTCG

-446  GGCTCCCCCTA GCAGCCTGCC CTACCTCTTT ACCTGCTTCC TGGTGGAGTC AGGATGTAT
      AP2
-386  ACATGAGCTG CTTTCCCTCT CAGCCAGAGG ACATGGGGG CCCAGCTCC CCTGCCTTTC

-326  CCTTCTGTG CCTGGAGCTG GGAAGCAGGC CAGGGTTAGC TGAGGCTGGC TGGCAAGCAG

-266  CTGGGTGGTG CCAGGGAGAG CCTGCATAGT GCCAGGTGGT GCCTTGGGTT CCAAGCTAGT
      VII
-206  CCATGGCCCC GATAACCTTC TGCCTGTGCA CACACCTGCC CCTCACTCCA CCCCATCCT
      VI Inr V

-146  AGCTTTGGTA TGGGGGAGAG GGCACAGGC CAGACAAACC TGTGAGACTT TGGCTCCATC
      IV AP1 III Inr

-86  TCTGCAAAAG GCGCTCTGT GAGTCAGCCT GCTCCCCCTCC AGGTTGCTC CTCCTCCACC
      II AP1 p53 I AP2
      ***

-26  CAGCTCTCGT TTCCAATGCA CGTACAGCCC GTACACACCG TGTGCTGGGA CACCCACAG
      ...

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FIG. 6

FIG. 7

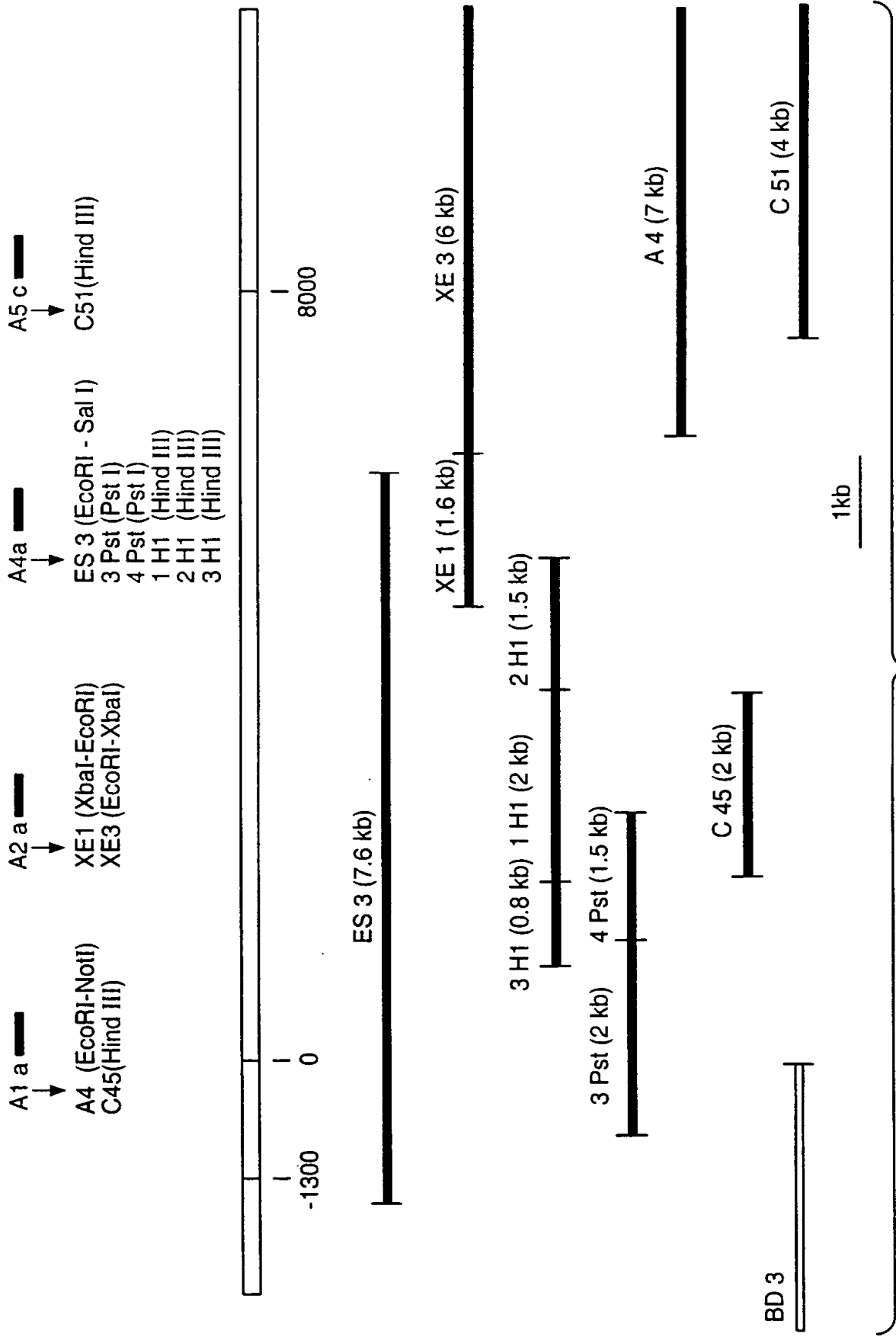


FIG. 7